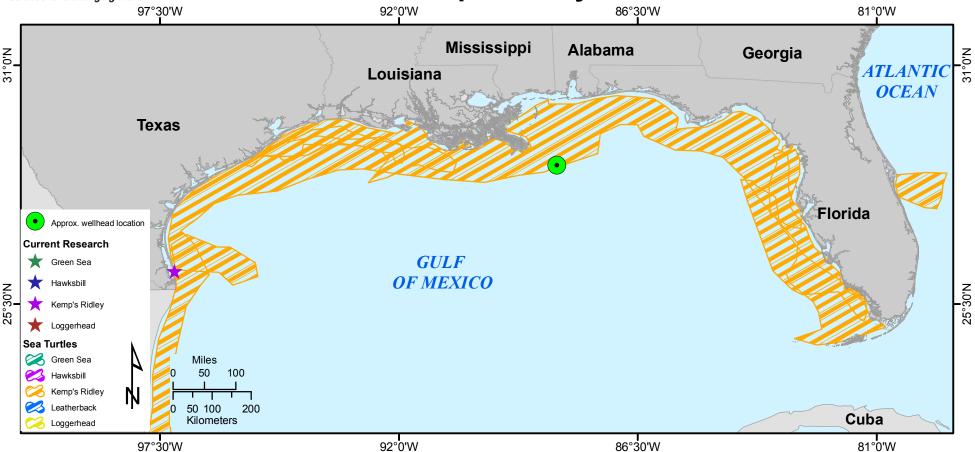


U.S. Gulf of Mexico Sea Turtle Habitat Areas Kemp's Ridley



Five species of sea turtles are found in Gulf waters, all of which are either threatened or endangered. Prime nesting season for sea turtles is May through October. Green sea turtles consume seagrasses and algae, loggerheads forage benthically and consume crustaceans and fish, leatherbacks eat primarily jellyfish, and Kemp's ridleys are normally bottom-feeders, consuming crabs and other benthic fauna. USGS is currently conducting sea turtle sampling on juvenile greens and adult loggerheads in Everglades National Park and on several life stages of loggerheads, greens, and hawksbills in Dry Tortugas National Park. The work in the Dry Tortugas is supported by both the Coral Reef Ecosystem Studies Project (CREST) and the Priority Ecosystem Studies (PES) Program. The map depicts locations of current sea turtle sampling projects (stars) and polygons showing results of previous sea turtle tracking projects by species in relation to the BP Deepwater Horizon oil wellhead. Also shown are results from previous aerial surveys to document sea turtle presence in the Gulf and Atlantic coastal areas.

Polygons may include locations for more than one turtle, and nesting sites are often used by several species of sea turtles.

This map is preliminary, for informational purposes only.

Data Sources

- 1. Fritts, T.H., Hoffman, W. and M.A. McGehee. 1983. The distribution and abundance of marine turtles in the Gulf of Mexico and nearby Atlantic waters. Journal of Herpetology, 17:4 327-344.
- 2. Schmid, J.R., Bolten, A.B., Bjorndal, K.A., Lindberg, W.J., Percival, H.F. and P.D. Zwick. 2003. Home range and habitat use by Kemp's ridley turtles in west-central Florida. The Journal of Wildlife Management, 67: 1 196-206.
- 3. Schmid, J.R, and W.N. Witzell. 2006. Seasonal migrations of immature Kemp's ridley turtles (Lepidochelys kempii) Garman) along the west coast of Florida. Gulf of Mexico Science, 1: 28-40.
- 4. Seney, E.E. and A.M. Landry Jr. 2008. Movements of Kemp's ridley sea turtles nesting on upper Texas coast: implications for management. Endangered Species Research, 4: 73-84.
- 5. Shaver D. J. and C. Rubio. 2008. Post-nesting movement of wild and head-started Kemp's ridley sea turtles Lepidochelys kempii in the Gulf of Mexico. Endangered Species Research, 4: 43-55.
- 6. Witzell, W.N. and J.R. Schmid. 2004. Immature sea turtles in Gullivan Bay, Ten Thousand Islands, Southwest Florida. Gulf of Mexico Science, 1: 54-61.
- 8. USGS
- 7. NOAA